

# MEDICAL COVER APPLIANCE AND METHOD FOR TREATING BLOOD VESSEL DISORDER

[71] Applicant: CORDIS CORP

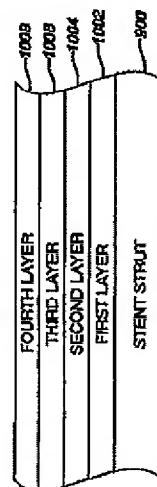
[72] Inventors: FALOTICO ROBERT;  
SPALTRO JOHN

[21] Application No.: JP2003110511A

[22] Filed: 20030415

[43] Published: 20040108

[30] Priority: US US2002122978A 20020415 ...



[Go to Fulltext](#)

[Get PDF](#)

## [57] Abstract:

**PROBLEM TO BE SOLVED:** To provide a medical appliance and a method for treating various blood vessel disorders, particularly, a vulnerable plaque.

**SOLUTION:** The medical appliance for treating the atherosclerotic and vulnerable plaque has a stent (900) which becomes a structural support for a fiber cap of a vulnerable plaque diseased part, biocompatible vehicles (1002-1008) mounted in at least a part of the stent, at least one first active which is mixed in the biocompatible vehicles in a treatment dosage for treating the fiber cap of the vulnerable plaque diseased part, and at least one second active mixed into the biocompatible vehicles in treatment dosage for treating a lipid core of the vulnerable plaque diseased part. Each biocompatible vehicle is constituted to discharge at least the one first active at speed higher than that of at least the one second active and to discharge at least the one first active for a duration shorter than that of at least the one second active.

COPYRIGHT: (C)2004,JPO&Japio

## [52] US Class:

[51] Int'l Class: A61L002744 A61M003700 A61F000206 A61L002754 A61M002510  
A61P000700 A61P000910 A61L003116 A61B001722 A61F000284 A61L003100  
A61P000900 A61M002900 A61F000290 A61F000200

[52] ECLA: A61F000290B A61L003116 K61F000200W5 K61F000200W5R  
K61F000290B4F K61F000290B4G2